



(43) International Publication Date
16 December 2004 (16.12.2004)

PCT

(10) International Publication Number
WO 2004/109501 A2

(51) International Patent Classification⁷:

G06F 9/40

(74) Agent: BOVARD LTD; Optingenstrasse 16, CH-3000
Berne 25 (CH).

(21) International Application Number:

PCT/EP2004/050776

(81) Designated States (*unless otherwise indicated, for every kind of national protection available*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(22) International Filing Date: 12 May 2004 (12.05.2004)

(25) Filing Language: English

(26) **Publication Language:** English

(30) Priority Data:
03012822.7 5 June 2003 (05.06.2003) EP

(71) Applicant (for all designated States except US): SWISS REINSURANCE COMPANY [CH/CH]; Mythenquai 60, CH-8002 Zürich (CH).

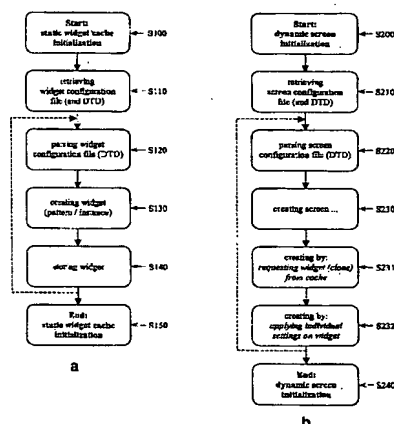
(72) Inventor; and

(75) **Inventor/Applicant (for US only):** PORTMANN, Jürg
[CH/CH]; Seestrasse 144, CH-8806 Bäch SZ (CH).

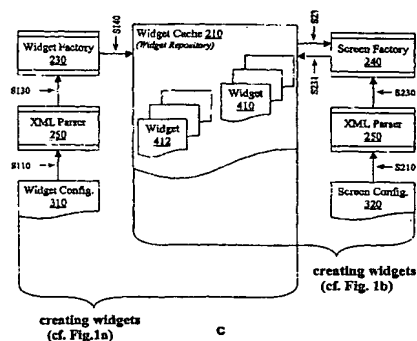
(84) Designated States (*unless otherwise indicated, for every kind of regional protection available*): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI,

[Continued on next page]

(54) Title: METHOD AND TERMINAL FOR GENERATING UNIFORM DEVICE-INDEPENDENT GRAPHICAL USER INTERFACES



(57) Abstract: The invention relates to a method for generating a user interface of a network node. An application is structured into a core application part responsible to handle data objects and a viewer/controller application part responsible to display said data and to initiate actions on said data, wherein said viewer/controller application part is formed by said user interface. A screen mask creating module (240) retrieves screen mask configuration data (320) and widget configuration data (310). A widget creating module (230) generates at least one user interface component (10 - 18; 410) on the basis of one or more component pattern (411, 412). A screen mask of said user interface is generated by said screen mask creating module (240), wherein said screen mask comprises at least one component which is a component out of said components comprised by the widget configuration data. Said at least one component is assigned to at least one data object and/or dynamic behaviour of said components assigned to said screen mask based up a user action on a user interface component and/or a data object.





SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

Declaration under Rule 4.17:

— *of inventorship (Rule 4.17(iv)) for US only*

Published:

— *without international search report and to be republished upon receipt of that report*